

What is claimed is:

1. A human prostate cancer-associated neuroendocrine (NE)-like cell line.

2. A human prostate cancer-associated neuroendocrine (NE)-like cell line of claim 1, which is NE-1-3.

3. A human prostate cancer-associated neuroendocrine (NE)-like cell line of claim 1, which is NE-1-8.

4. A human prostate cancer-associated neuroendocrine (NE)-like cell line of claim 1, which is NE-1-9.

5. A method for obtaining a NE-like cell line from prostate cells wherein said cell line is cultured under conditions of hormone deprivation, said method comprising the steps of:

a) seeding hormone-responsive human prostate cells in culture for a suitable time period to allow said cells to undergo at least one round of cell division;

b) contacting said cells with a hormone-reduced medium;

c) propagating said cells in said hormone-reduced medium; and

d) isolating subclone NE-like cell populations that survive in said hormone-reduced medium.

6. A method for identifying agents which modulate biomarker expression in NE-like subclone cells, comprising the steps of:

a) contacting said NE-like subclone cells with

